

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of Alfred M. Handler

Docket No.0203.00

Art Unit: 1636

Serial No. 09/915,840

Examiner: G. Leffers, Jr.

Filed: 07/27/2001

For: PiggyBac Transformation System

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

I, Alfred M. Handler, declare as follows:

(1) I am the inventor of the subject matter described and claimed in the United States Patent Application Serial Number 09/915,840, filed July 27, 2001, entitled "PiggyBac Transformation System", which subject matter is disclosed and claimed in the above-referenced patent application.

(2) I am a co-author for an article entitled "Germline transformation of *Drosophila melanogaster* with the piggyBac transposon vector", published in 1999 in *Insect Molecular Biology*, Volume 8(4), 449-457.

(3) In addition to myself, there is one other co-author of the listed article: R.A. Harrell II. While this individual is a co-author of the publication, he is not a co-inventor of the

subject matter described therein.

(4) R.A. Harrell II was a technician working under my supervision and control on experiments described in the publication. Harrell II prepared plasmid vector and transposase helper DNA, injected it into *Drosophila melanogaster* embryos, and screened offspring of the embryos for expression of fluorescent protein markers, all under my direction. I developed the protocols for testing of the invention as well as the plasmids being tested. These were all designed and constructed solely by myself.

(5) Harrell, named as co-author, was not an inventor of the subject matter described in the article or in the presently pending patent application, but was listed as co-author of the article to receive credit for having collaborated in the research program under my direction and control.

(6) I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the above-referenced application or any

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Page 3/3 022

patent issuing thereon.

DATE: 8/16/2004

BY: 